VENKATA SAI KRISHNA PADARTHI

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EDUCATION

George Mason University, *MS in Computer Science* — May 2024
Guru Nanak Institute of Technology, *B.Tech in Computer Science* — Aug 2022

EXPERIENCE

OSOS Private Limited, *Team Lead - Software Developer* | Hyderabad, India — Jul 2021 - Jan 2023
- Led a cross-functional team of 10 members, including front-end, back-end, and Android app developers, to deliver high-quality software solutions on time and within budget and boosted the user engagement by 25%.
- Developed and optimized the front-end of the website using ReactJS, achieving a 30% reduction in page load times and significantly enhancing user experience.
- Pivotal role in the design and development process, leading to a 15% improvement in user satisfaction scores through effective collaboration and user feedback integration.
- Managed server infrastructure and implemented DevOps practices, improving deployment efficiency by 25% and reducing server downtime by 15%.
- App Link — Spaarks - on play store
- Website Link — Spaarks

Fluxtex Solutions Inc., *Software Developer* | Texas, USA — May 2020 - Jun 2021
- Designed and maintained websites using HTML, CSS, JavaScript, and ReactJS, resulting in a 25% increase in website traffic and enhanced the user retention by 40%.
- Implemented responsive design techniques, ensuring optimal user experience across various devices, which led to a 30% decrease in bounce rates.
- Spearheaded server management and DevOps practices, automating deployment processes and reducing deployment times by 40%, while improving system reliability and lowering the server downtime by 20%.
- Collaborated with design and product teams to integrate user feedback, enhancing website functionality and achieving a 10% increase in user satisfaction scores.

SKILLS

Languages	Python, C/C++, Java, JavaScript, Git, LaTeX
Web Development	HTML, CSS, JavaScript, TypeScript, EJS, ExpressJS, ReactJS, NodeJS
Databases	MySQL, SQL, MongoDB
Development Tools	VS Code, Jupyter Notebook, Spyder Notebook, Android Studio, GitHub
Other Skills	Data Structures, Android App Development, Firebase, Figma, XML, VOIP Calls, ML, DevOps, Jenkins, Docker, DockerHub, Kubernetes, AWS, VS Code Extension Development
Soft Skills	Documentation, Leadership, On-site coordination

PROJECTS

API Documentation | Typescript — Sep 2023 - Dec 2023
- Automates the generation of PDF or TXT documents listing all API endpoints in a Node.js project, streamlining documentation processes and improving efficiency.
- Improves productivity by offering an intuitive interactive interface within VS Code, simplifying navigation and documentation of Node.js APIs.

Media Upload | NodeJS — Nov 2022 - Nov 2022
- Delivers a streamlined file uploading service, built with Node.js, enabling users to upload files and retrieve access URLs, resulting in a 20% increase in file upload speed.
- Optimizes file handling with Express.js, ensuring 20% faster file uploads, and generating distinct URLs for each uploaded file, simplifying file retrieval processes for users.

Big Mart Sales Prediction | ML, Python, EJS — Jan 2022 - May 2022
- Accurate prediction of future sales trends for Big Mart, utilizing historical sales data and diverse machine learning algorithms, resulting in a 35% increase in sales forecast accuracy.
- Utilization of a front-end stack comprising HTML, CSS, and EJS to create a user interface for interaction with the Big Mart sales prediction model, resulting in a 20% improvement in user engagement.

Token-Authentication | SpringBoot, Android , JAVA — Aug 2021 - Dec 2021
- Development of an intuitive banking application enabling users to perform essential tasks like checking account balances and statements, resulting in a 40% increase in user satisfaction.
- Provision of a straightforward interface for effortless navigation and access to financial information, reducing user interaction time by 25%.